

Arnaud Dubois

List of Publications by Year in descending order

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47
papers

2,633
citations

257101

24
h-index

377514

34
g-index

47
all docs

47
docs citations

47
times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	Line-field confocal optical coherence tomography as a tool for three-dimensional in vivo quantification of healthy epidermis: A pilot study. <i>Journal of Biophotonics</i> , 2022, 15, e202100236.	1.1	15
2	Non-invasive scoring of cellular atypia in keratinocyte cancers in 3D LC-OCT images using Deep Learning. <i>Scientific Reports</i> , 2022, 12, 481.	1.6	21
3	Co-localized line-field confocal optical coherence tomography (LC-OCT) and confocal Raman microspectroscopy for ex vivo analysis of skin tissues. , 2022, , .		0
4	Line-field confocal optical coherence tomography (LC-OCT) for ex-vivo skin imaging with extended field-of-view. , 2022, , .		1
5	Mirau-based line-field confocal optical coherence tomography for three-dimensional high-resolution skin imaging. , 2022, , .		0
6	Optical skin biopsy using multimodal line-field confocal optical coherence tomography (LC-OCT). , 2022, , .		1
7	Morpho-molecular characterization of a tattooed skin biopsy using co-localized line-field confocal optical coherence tomography (LC-OCT) and confocal Raman microspectroscopy. , 2022, , .		0
8	Measurement of optical scattering properties using line-field confocal optical coherence tomography (LC-OCT). , 2022, , .		0
9	Three-dimensional microscopic quantification of in vivo healthy epidermis based on line-field confocal optical coherence tomography (LC-OCT) assisted by artificial intelligence. , 2022, , .		0
10	Co-localized line-field confocal optical coherence tomography and confocal Raman microspectroscopy for three-dimensional high-resolution morphological and molecular characterization of skin tissues ex vivo. <i>Biomedical Optics Express</i> , 2022, 13, 2467.	1.5	6
11	Comparison of line-field confocal optical coherence tomography images with histological sections: Validation of a new method for in vivo and non-invasive quantification of superficial dermis thickness. <i>Skin Research and Technology</i> , 2020, 26, 398-404.	0.8	26
12	<i>in vivo</i> characterization of healthy human skin with a novel, non-invasive imaging technique: line-field confocal optical coherence tomography. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 2914-2921.	1.3	45
13	Line-field confocal optical coherence tomography for three-dimensional skin imaging. <i>Frontiers of Optoelectronics</i> , 2020, 13, 381-392.	1.9	32
14	Dual-mode line-field confocal optical coherence tomography for ultrahigh-resolution vertical and horizontal section imaging of human skin in vivo. <i>Biomedical Optics Express</i> , 2020, 11, 1327.	1.5	49
15	Mirau-based line-field confocal optical coherence tomography. <i>Optics Express</i> , 2020, 28, 7918.	1.7	17
16	Line-field confocal optical coherence tomography based on a Mirau interferometer. , 2020, , .		1
17	A compact high-speed full-field optical coherence microscope for high-resolution in vivo skin imaging. <i>Journal of Biophotonics</i> , 2019, 12, e201800208.	1.1	10
18	Simultaneous dual-band line-field confocal optical coherence tomography: application to skin imaging. <i>Biomedical Optics Express</i> , 2019, 10, 694.	1.5	30

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19	Line-field confocal optical coherence tomography for high-resolution noninvasive imaging of skin tumors. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	1.4	139
20	Line-field confocal time-domain optical coherence tomography with dynamic focusing. <i>Optics Express</i> , 2018, 26, 33534.	1.7	56
21	A simplified algorithm for digital fringe analysis in two-wave interferometry with sinusoidal phase modulation. <i>Optics Communications</i> , 2017, 391, 128-134.	1.0	8
22	Focus defect and dispersion mismatch in full-field optical coherence microscopy. <i>Applied Optics</i> , 2017, 56, D142.	2.1	25
23	High-resolution full-field optical coherence microscopy using a broadband light-emitting diode. <i>Optics Express</i> , 2016, 24, 9922.	1.7	15
24	Chapter 13 Technological Extensions of Full-Field Optical Coherence Microscopy for Multicontrast Imaging. , 2016, , 467-518.		0
25	Full-field optical coherence microscopy with optimized ultrahigh spatial resolution. <i>Optics Letters</i> , 2015, 40, 5347.	1.7	25
26	Color high resolution full-field optical coherence microscopy for contrast-enhanced imaging. , 2014, , .		0
27	Three-band, 19- $\frac{1}{4}$ μ m axial resolution full-field optical coherence microscopy over a 530-1700 nm wavelength range using a single camera. <i>Optics Letters</i> , 2014, 39, 1374.	1.7	12
28	Spectroscopic polarization-sensitive full-field optical coherence tomography. <i>Optics Express</i> , 2012, 20, 9962.	1.7	21
29	Full-Field Optical Coherence Microscopy. , 2012, , .		4
30	Motion artifact suppression in full-field optical coherence tomography. <i>Applied Optics</i> , 2010, 49, 1480.	2.1	37
31	Multimodal full-field optical coherence microscopy. , 2010, , .		0
32	Spectroscopic ultrahigh-resolution full-field optical coherence microscopy. <i>Optics Express</i> , 2008, 16, 17082.	1.7	68
33	Simultaneous dual-band ultra-high resolution full-field optical coherence tomography. <i>Optics Express</i> , 2008, 16, 19434.	1.7	70
34	Polarization-sensitive full-field optical coherence tomography. <i>Optics Letters</i> , 2007, 32, 2058.	1.7	39
35	Thermal-light full-field optical coherence tomography in the 1.2- $\frac{1}{4}$ μ m wavelength region. <i>Optics Communications</i> , 2006, 266, 738-743.	1.0	59
36	In vivo anterior segment imaging in the rat eye with high speed white light full-field optical coherence tomography. <i>Optics Express</i> , 2005, 13, 6286.	1.7	116

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37	Stroboscopic ultrahigh-resolution full-field optical coherence tomography. Optics Letters, 2005, 30, 1351.	1.7	84
38	Ocular Tissue Imaging Using Ultrahigh-Resolution, Full-Field Optical Coherence Tomography. , 2004, 45, 4126.		113
39	Three-dimensional cellular-level imaging using full-field optical coherence tomography. Physics in Medicine and Biology, 2004, 49, 1227-1234.	1.6	135
40	Effects of phase change on reflection in phase-measuring interference microscopy. Applied Optics, 2004, 43, 1503.	2.1	21
41	Ultrahigh-resolution full-field optical coherence tomography. Applied Optics, 2004, 43, 2874.	2.1	319
42	Thermal-light full-field optical coherence tomography. Optics Letters, 2002, 27, 530.	1.7	325
43	High-resolution full-field optical coherence tomography with a Linnik microscope. Applied Optics, 2002, 41, 805.	2.1	457
44	Sinusoidally phase-modulated interference microscope for high-speed high-resolution topographic imagery. Optics Letters, 2001, 26, 1873.	1.7	33
45	Phase-map measurements by interferometry with sinusoidal phase modulation and four integrating buckets. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 1972.	0.8	83
46	Phase measurements with wide-aperture interferometers. Applied Optics, 2000, 39, 2326.	2.1	60
47	Real-time reflectivity and topography imagery of depth-resolved microscopic surfaces. Optics Letters, 1999, 24, 309.	1.7	55